IN THE CLAIMS

Please cancel claims 2-68 without prejudice.

1. (Once and presently amended) A method for removing oxygen contaminants from ammonia contaminated with oxygen, said method comprising the steps of contacting the oxygen contaminated ammonia with a ~~getter~~ oxygen removing material ~~including~~ consisting essentially of at least partially-reduced oxides of iron and manganese to sorb said oxygen contaminants from said contaminated ammonia. ~~to produce thereby ammonia substantially free of oxygen.~~

Please add the following claims.

69. (New). A method for removing oxygen from ammonia comprising the steps of:

thermally reducing hydroxides of iron and manganese to produces oxides of iron and manganese;

reducing said oxides of iron and manganese to produce an ammonia purification material, such that said purification material includes at least partially-reduced oxides of iron and manganese;

removing oxygen from an oxygen-contaminated ammonia stream with said purification material of iron and manganese, by contacting ammonia with said purification material, said removing step performed at less than 50C and greater than –20C.

70. (New) The method as recited in claim 69, further comprising a pretreatment step of adding zeolites.

71. (New) The method as recited in claim 69, wherein said reducing step takes place between 200 and 400 degrees C.

72. (New) The method as recited in claim 69, where said thermally reducing step takes place at 350 degrees C.

73. (New). The method as recited in claim 69, further comprising the act of pre-treating salts of iron and manganese to produce hydroxides of iron and manganese.

74. (new). A method of making a getter for removing oxygen contaminants from ammonia, said method comprising:

a step for pre-treating hydroxides of iron and manganese;

a step for decomposing said hydroxides of iron and manganese into oxides of iron and manganese, respectively; and

a step for exposing said oxides of iron and manganese first to a hydrogen stream and then to an argon stream resulting in said getter for removing oxygen,

wherein said getter is capable of removing oxygen from ammonia at temperatures below 50 degrees centigrade.